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\*Admitted only in Maryland  
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+Practice Limited to Federal Agencies

September 8, 2004

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Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**Art Unit 2672**

Re: U.S. Utility Patent Application  
Application No. 09/888,438 Filed: June 26, 2001  
For: **Method and System for Presenting Three-Dimensional Computer Graphics Images Using Multiple Graphics Processing Units**

Inventor: James L. Foran  
Our Ref: 1152.00

**RECEIVED**

SEP 14 2004

Technology Center 2600

Sir:

Transmitted herewith for appropriate action are the following documents:

- Fee Transmittal Form (PTO/SB/17);
- Supplemental Information Disclosure Statement;
- Form PTO-1449 (1 page) with 4 accompanying documents;
- Form PTO-2038 Credit Card Payment Form for \$180.00 to cover Information Disclosure fees under 37 C.F.R. § 1.17; and
- Two (2) return postcards.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents  
September 8, 2004  
Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency,  
or credit any overpayment, to our Deposit Account No. 19-0036.

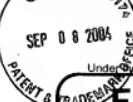
Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

  
Timothy A. Doyle  
Attorney for Applicant  
Registration No. 51,262

TAD/slw  
Enclosures

308224\_I.DOC



Approved for use through 07/31/2006, OMB 0651-0032  
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$ 180.00)

**METHOD OF PAYMENT (check all that apply)**

Check  Credit card  Money  Other\*\*  None  
 Charge any deficiencies or credit any overpayments in

Deposit Account: the fees to Deposit Acct. No. 19-0036.

Deposit Account Number	19-0036
Deposit Account Name	Sterne, Kessler, Goldstein & Fox P.L.L.C.

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) or any underpayment of fee(s)  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

**FEE CALCULATION**
**1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Code (\$)	Fee	Fee Code (\$)	Fee	Fee Description	Fee Paid
1001 .770	2001 .385					Utility filing fee	
1002 .340	2002 .170					Design filing fee	
1003 .530	2003 .265					Plant filing fee	
1004 .770	2004 .385					Reissue filing fee	
1005 .160	2005 .80					Provisional filing fee	
<b>SUBTOTAL (1)</b>		<b>(\$)</b>		<b>0</b>			

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims below	Fee Paid
10	- 20 ** = 0	X 18.00 = 0
Independent Claims	2 - 3 ** = 0	X 86.00 = 0
Multiple Dependent		290.00 = 0

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 .18	2202 .9	Claims in excess of 20
1201 .86	2201 .43	Independent claims in excess of 3
1203 .290	2203 .145	Multiple dependent claim, if not paid
1204 .86	2204 .43	** Reissue independent claims over original patent
1205 .18	2205 .9	** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>		<b>(\$)</b> 0

\*or number previously paid, if greater; For Reissues, see above

**Complete if Known**

Application Number	09/888,438
Filing Date	June 26, 2001
First Named Inventor	James L. Foran
Examiner Name	Yang, Ryan R.
Art Unit	2672
Attorney Docket No.	1152.00

**FEE CALCULATION (continued)**
**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code (\$)	Fee	Fee Code (\$)	Fee	Fee Description	Fee Paid
1051 .130	2051 .65			Surcharge - late filing fee or oath	
1052 .50	2052 .25			Surcharge - late provisional filing fee or cover sheet	
1053 .130	2053 .130			Non-English specification	
1812 .2,520	1812 .2,520			For filing a request for ex parte reexamination	
1804 .920*	1804 .920*			Requesting publication of SIR prior to Examiner action	
1805 .1,840*	1805 .1,840*			Requesting publication of SIR after Examiner action	
1251 .110	2251 .55			Extension for reply within first month	
1252 .420	2252 .210			Extension for reply within second month	
1253 .950	2253 .475			Extension for reply within third month	
1254 .1,480	2254 .740			Extension for reply within fourth month	
1255 .2,010	2255 .1,005			Extension for reply within fifth month	
1401 .330	2401 .165			Notice of Appeal	
1402 .330	2402 .165			Filing a brief in support of an appeal	
1403 .290	2403 .145			Request for oral hearing	
1451 .1,510	1451 .1,510			Petition to institute a public use proceeding	
1452 .110	2452 .55			Petition to revive - unavoidable	
1453 .1,330	2453 .665			Petition to revive - unintentional	
1501 .1,330	2501 .665			Utility issue fee (or reissue)	
1502 .480	2502 .240			Design issue fee	
1503 .640	2503 .320			Plant issue fee	
1460 .130	1460 .130			Petitions to the Commissioner	
1807 .50	1807 .50			Processing fee under 37 CFR 1.17(q)	
1806 .180	1806 .180			Submission of Information Disclosure Stmt	
8021 .40	8021 .40			Recording each patent assignment per property (times number of properties)	
1809 .770	2809 .385			Filing a submission after final rejection (37 CFR 1.129(a))	
1810 .770	2810 .385			For each additional invention to be examined (37 CFR 1.129(b))	
1801 .770	2801 .385			Request for Continued Examination (RCE)	
1802 .900	1802 .900			Request for expedited examination or a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)**

**180.00**

(Complete if applicable)

Name (Print/Type)	Timothy A. Doyle	Registration No. Attorney/Agent	51,262	Telephone#	(202) 371-2600
Signature	Kathy A. Doyle				
Date	8 SEP 04				

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 35 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.Y./

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Technology Center 2600



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

James L. FORAN

Appl. No. 09/888,438

Filed: June 26, 2001

For: **Method and System for  
Presenting Three-Dimensional  
Computer Graphics Images Using  
Multiple-Graphics Processing  
Units**

Confirmation No. 9657

Art Unit: 2672

Examiner: Yang, Ryan R.

Atty. Docket: 1152.00

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SEP 14 2004

Technology Center 2600

**Supplemental Information Disclosure Statement**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Applicant has listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicant reserves the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

Applicant has checked the appropriate boxes below.

- 1. Statement under 37 C.F.R. 1.704(d). Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this information disclosure statement.
- 2. Filing under 37 C.F.R. § 1.97((b)). This Information Disclosure Statement is being filed concurrently with the filing of a request for continued examination under 37 C.F.R. § 1.114. No statement or fee is required.
- 3. Filing under 37 C.F.R. § 1.97(c). This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection, or Notice of Allowance, or an action that otherwise closes prosecution in the application.
  - a. Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).
  - b. Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than

three months prior to the filing of this Information Disclosure Statement.  
37 C.F.R. § 1.97(e)(2).

c. Attached is our PTO-2038 Credit Card Payment Form in the amount of \$180.00 in payment of the fee under 37 C.F.R. § 1.17(p).

4. Filing under 37 C.F.R. § 1.97(d) This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Enclosed find our PTO-2038 Credit Card Payment Form in the amount of \$\_\_\_\_\_ in payment of the fee under 37 C.F.R. § 1.17(p); in addition:

a. Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).

b. Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).

5. Documents \_\_\_\_\_ were cited in a search report by a foreign patent office in a counterpart PCT application. A copy of the search report is enclosed as document AR1 for the convenience of the Examiner.

6. A concise explanation of the relevance of the non-English language document(s) appears below:

7. Copies of the documents were cited by or submitted to the Office in an IDS that complies with 37 C.F.R. § 1.98(a)-(c) in Application No. \_\_\_\_\_, filed \_\_\_\_\_, which is relied upon for an earlier filing date under 35 U.S.C. § 120. Thus, copies of these documents are not attached. 37 C.F.R. § 1.98(d).

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.Y./

- 4 -

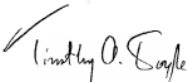
James L. FORAN  
Appl. No. 09/888,438

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

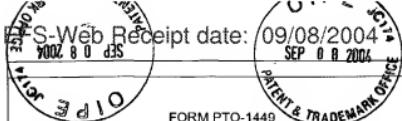


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Date: 8 SEP 04

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SKGF Rev. 12/1802 mac; Rev. 04/18/03 svb



S-Web Receipt date: 09/08/2004 - GAU: 2628

Page 1 of 1

FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.

APPLICATION NO.

1152.00

09/888,438

INVENTOR

James L. FORAN

FILING DATE

June 26, 2001

ART UNIT

2672

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA1	5,640,496	06/17/1997	Hardy <i>et al.</i>	395	121	02/04/1991
AB1	6,016,150	01/18/2000	Lengyel <i>et al.</i>	345	426	07/30/1997
AC1	6,064,393	05/16/2000	Lengyel <i>et al.</i>	345	427	07/30/1997
AD1	6,570,579	05/27/2003	MacInnis <i>et al.</i>	345	629	11/09/1999
AE1						
AF1						
AG1						
AH1						
AI1						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL1						N/A No
AM1						Yes No
AN1						Yes No
AO1						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	1	RECEIVED SEP 14 2004 Technology Center 2600
AS	1	
AT	1	
AU	1	
AV	1	

EXAMINER

/Ryan Yang/

DATE CONSIDERED

03/11/2008

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH /R.Y./